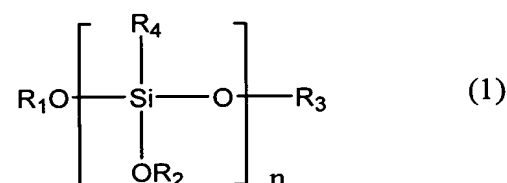


AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A coated material, having a surface comprising a silane-based coating solution comprising, ~~as the main component, a compound represented by formula 1~~ applied to a fiber material and hardened/solidified by the action of a catalyst,

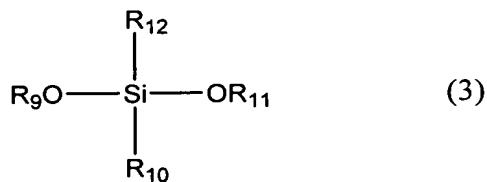
wherein said coating solution comprises:

(a) a compound represented by formula 1



wherein R₁, R₂, R₃ and R₄ may be same or different and each is hydrogen or an alkyl group having 1-4 carbons and n = 2-10; and

(b) a compound represented by formula 3 having two hydrolyzable substituents and two unhydrolyzable substituents



wherein R₉ and R₁₁ may be same or different and each is a monomer comprising hydrogen, an alkyl group or an alkenyl group; a bond of R₉O and R₁₁O to Si is an oligomer comprising a siloxane bond; and R₁₀ and R₁₂ each is an alkyl group, an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule.

wherein the compound of formula 3 is added to the coating solution in an amount not exceeding 50% of the amount of formula 1 present in said coating solution;

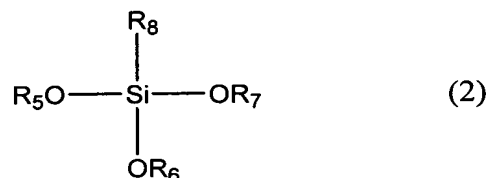
wherein the surface is formed where a hydrolyzable organometallic compound is used as a catalyst for hardening/solidifying said coating solution ~~of a silane type~~; and

wherein the surface is formed where one or more organometallic compounds selected from the group consisting of titanium, zirconium, aluminum and tin is/are used as said hydrolyzable organometallic compound.

2. (Previously Presented) The coated material according to claim 1, wherein the surface is formed where, prior to the application of the coating solution, said fiber material is dipped in alcohol and dried and ultraviolet ray is further irradiated thereto.

3. – 4. (Canceled)

5. (Previously Presented) The coated material according to claim 1, wherein the surface is formed where, in addition to formula 1, a coating solution containing a compound represented by formula 2 having three hydrolyzable substituents and one unhydrolyzable substituent is used as the coating solution of a silane type



wherein R_5 , R_6 and R_7 may be same or different and each is a monomer comprising hydrogen, an alkyl group or an alkenyl group; a bond of R_5O , R_6O and R_7O to Si is an oligomer comprising a siloxane bond; and R_8 is an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule, and

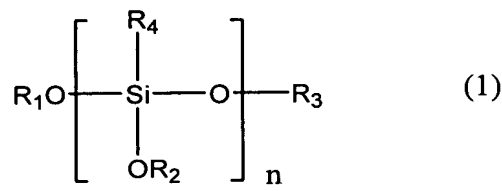
wherein the compound of formula 2 is added to the coating solution in an amount not exceeding 50% of the amount of formula 1 present in said coating solution.

6. (Canceled)

7. (Currently Amended) ~~The A coated material according to claim 1, wherein the surface is formed where, in addition to formula 1, a coating solution containing, having a surface comprising a silane-based coating solution comprising applied to a fiber material and hardened/solidified by the action of a catalyst,~~

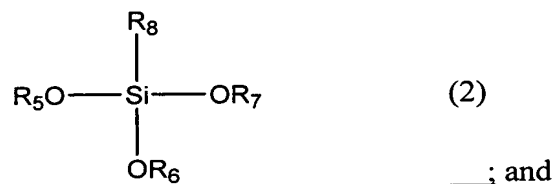
wherein said coating solution comprises:

(a) a compound represented by formula 1

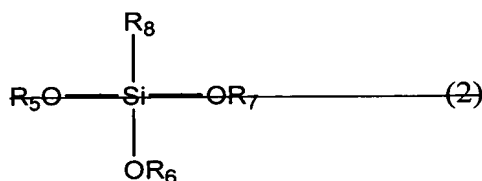


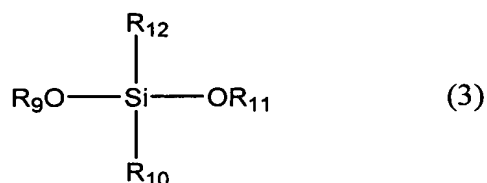
wherein R₁, R₂, R₃ and R₄ may be same or different and each is hydrogen or an alkyl group having 1-4 carbons and n = 2-10;

(b) a compound represented by formula 2



(c) a compound represented by formula 3 is used as the said coating solution of a silane-type





wherein in formulae (2) and (3) R_5 , R_6 and R_7 may be same or different and each is a monomer comprising hydrogen, an alkyl group or an alkenyl group; a bond of R_5O , R_6O and R_7O to Si is an oligomer comprising a siloxane bond; and R_8 is an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule; and wherein R_9 and R_{11} may be same or different and each is a monomer comprising hydrogen, an alkyl group or an alkenyl group; a bond of R_9O and $R_{11}O$ to Si is an oligomer comprising a siloxane bond; and R_{10} and R_{12} each is an alkyl group, an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule, and

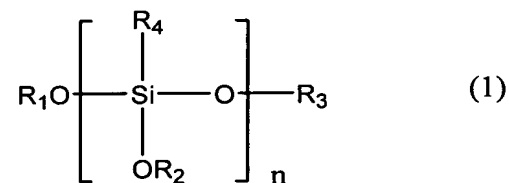
wherein the compounds of formula 2 and formula 3 are added to the coating solution in an amount such that the total amount of formula 2 and formula 3 does not exceed 50% of the amount of formula 1 present in said coating solution;

wherein the surface is formed where a hydrolyzable organometallic compound is used as a catalyst for hardening/solidifying said coating solution; and

wherein the surface is formed where one or more organometallic compounds selected from the group consisting of titanium, zirconium, aluminum and tin is/are used as said hydrolyzable organometallic compound.

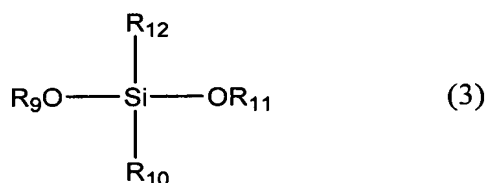
8. (Currently Amended) A coating solution of a silane type for giving an appropriate strength and good light transmitting and water repelling properties to a fiber material where said coating solution comprises

(a) a compound represented by ~~above~~ formula 1, ~~as the main component, and a~~
~~catalyst for hardening/solidifying thereof~~



wherein R₁, R₂, R₃ and R₄ may be same or different and each is hydrogen or an alkyl group having 1-4 carbons and n = 2-10;

(b) a compound represented by formula 3 having two hydrolyzable substituents and two unhydrolyzable substituents



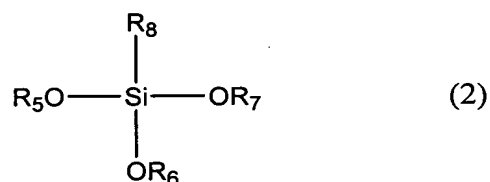
wherein R₉ and R₁₁ may be same or different and each is a monomer comprising hydrogen, an alkyl group or an alkenyl group; a bond of R₉O and R₁₁O to Si is an oligomer comprising a siloxane bond; and R₁₀ and R₁₂ each is an alkyl group, an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule, wherein the compound of formula 3 is added to the coating solution in an amount not exceeding 50% of the amount of formula 1 present in said coating solution; and

(c) a catalyst for hardening/solidifying thereof,

wherein the catalyst for hardening/solidifying the coating solution of a silane type is one or more organometallic compounds selected from the group consisting of titanium, zirconium, aluminum and tin.

9. – 10. (Canceled)

11. (Previously Presented) The coating solution of claim 8, wherein the coating solution of a silane type contains a compound represented by formula 2 having three hydrolyzable substituents and one unhydrolyzable substituent in addition to the compound of formula 1



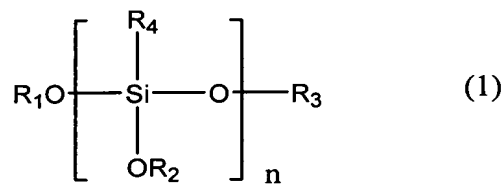
wherein R₅, R₆ and R₇ may be same or different and each is a monomer comprising hydrogen, an alkyl group or an alkenyl group; a bond of R₅O, R₆O and R₇O to Si is an oligomer comprising a siloxane bond; and R₈ is an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule, and

wherein the compound of formula 2 is added to the coating solution in an amount not exceeding 50% of the amount of formula 1 present in said coating solution.

12. (Canceled)

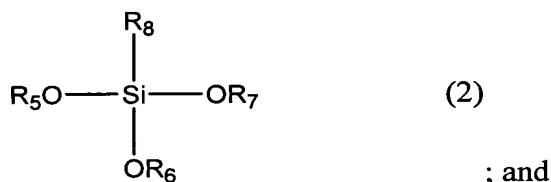
13. (Currently Amended) The A coating solution of claim 8 a silane type for giving an appropriate strength and good light transmitting and water repelling properties to a fiber material, wherein the coating solution of a silane type comprises ~~contains a compound represented by formula 2 and a compound represented by formula 3 in addition to the compound of formula 1~~

(a) a compound represented by formula 1

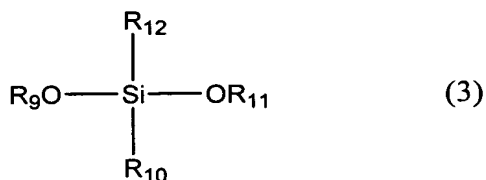


wherein R_1 , R_2 , R_3 and R_4 may be same or different and each is hydrogen or an alkyl group having 1-4 carbons and $n = 2-10$;

(b) a compound represented by formula (2)



(c) a compound represented by formula 3



wherein in formulae (2) and (3) R_5 , R_6 and R_7 may be same or different and each is a monomer comprising hydrogen, an alkyl group or an alkenyl group; a bond of R_5O , R_6O and R_7O to Si is an oligomer comprising a siloxane bond; and R_8 is an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule; and wherein R_9 and R_{11} may be same or different and each is a monomer comprising hydrogen, an alkyl group or an alkenyl group; a bond of R_9O and R_{11}O to Si is an oligomer comprising a siloxane bond; and R_{10} and R_{12} each is an alkyl group, an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule, and

wherein the compounds of formula 2 and formula 3 are added to the coating solution in an amount such that the total amount of formula 2 and formula 3 does not exceed 50% of the amount of formula 1 present in said coating solution,

wherein the catalyst for hardening/solidifying the coating solution of a silane type is one or more organometallic compounds selected from the group consisting of titanium, zirconium, aluminum and tin.

14. (New) The coated material according to claim 7, wherein the surface is formed where, prior to the application of the coating solution, said fiber material is dipped in alcohol and dried and ultraviolet ray is further irradiated thereto.

SUPPORT FOR THE AMENDMENTS

Claims 3, 4, 9, and 10 were previously canceled.

Claims 6 and 12 are canceled herein.

Claims 1, 7, 8, and 13 have been amended.

Claim 14 has been added.

Support for the amendment of Claim 1 is provided by previously pending and original Claims 1 and 6. Support for the amendment of Claim 7 is provided by previously pending and original Claims 1 and 7. Support for the amendment of Claim 8 is provided by previously pending and original Claims 8 and 12. Support for the amendment of Claim 13 is provided by previously pending and original Claims 8 and 13. Support for new Claim 14 is provided by previously pending Claims 1 and 2, as well as page 17, line 14 to page 18, line 4.

No new matter has been entered by the present amendment.